

Agenda Item #5: Sea Level Rise

HRPDC QUARTERLY MEETING

APRIL 16, 2015

BENJAMIN J. MCFARLANE, AICP

SENIOR REGIONAL PLANNER



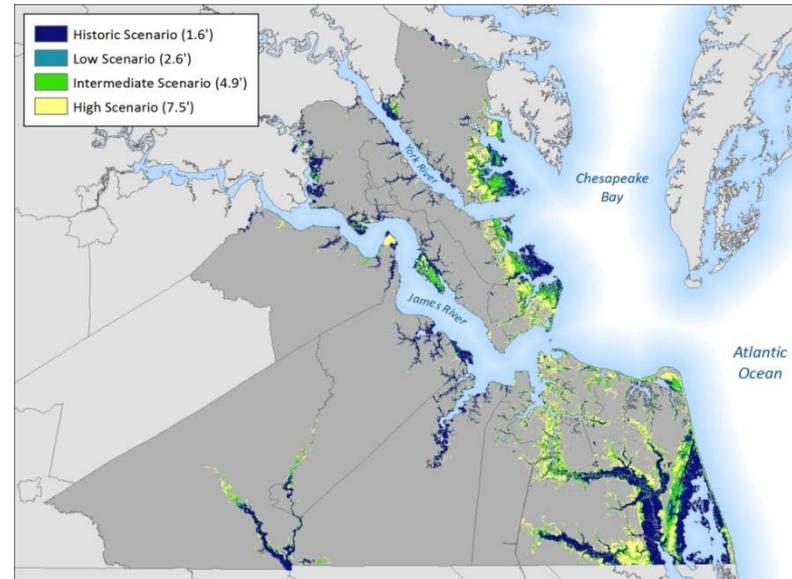
HRPDC Sea Level Rise Efforts

Recurrent Flooding and Sea Level Rise Committee will begin meeting every other month

- Sharing progress on local efforts
- Provide input on specific HRPDC tasks

HRPDC staff are updating regional SLR inundation maps

- Methodology and draft maps will be presented to Recurrent Flooding and Sea Level Rise Committee for review and comment



Dutch Dialogues

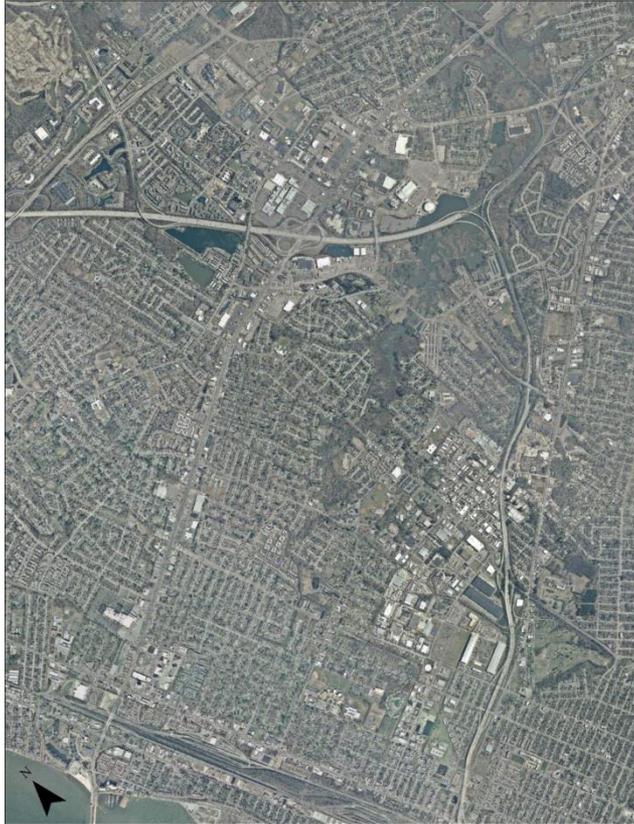
Site visits to five candidate locations held April 8-9 with David Waggoner (New Orleans) and Dale Morris (Dutch Embassy)

- Chesapeake: Crest Harbor/Eliz. River S. Branch
- Hampton/Newport News: Newmarket Creek
- Norfolk: Pretty Lake
- Norfolk: Tidewater
- Portsmouth: Naval Hospital/Olde Towne/Shipyard

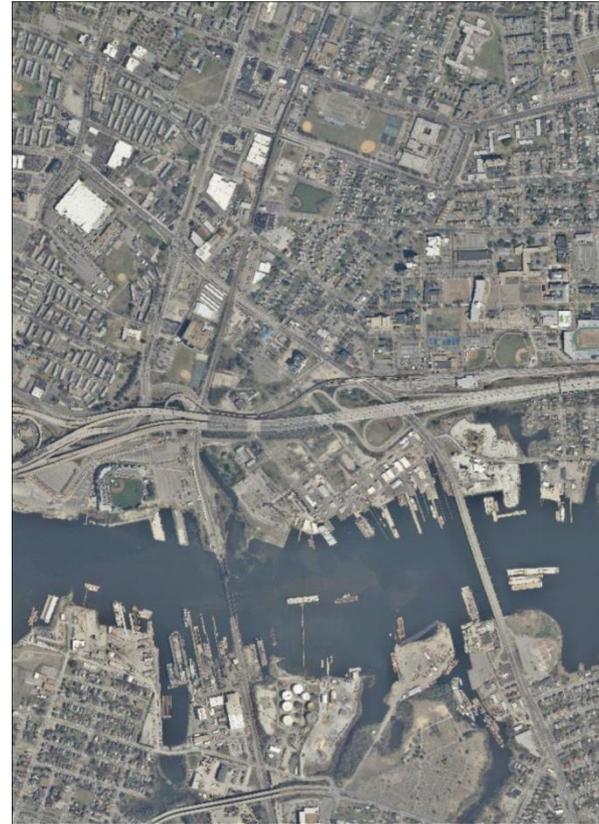
Two selected for workshop

- Newmarket Creek
- Tidewater

Dutch Dialogues - Sites



Newmarket Creek
Hampton/Newport News



Tidewater District
Norfolk

Dutch Dialogues – Next Steps

1. Finalize dates (either June 16-20 or 17-21)
2. Workshop logistics
 - Location
 - Site visits
 - Related events

National Disaster Resilience Competition

March 27, 2015 – Phase I applications due

June 2015 – Applicants invited to continue to Phase II

- Applicants will have 120 days to prepare Phase II submissions

October 2015 – Phase II applications due

December 2015 – Phase II winners announced

Chesapeake and Norfolk have areas that meet threshold requirements

Next steps:

- Identify additional eligible communities in Hampton Roads and Eastern Shore
- Develop strategies for the Phase II application

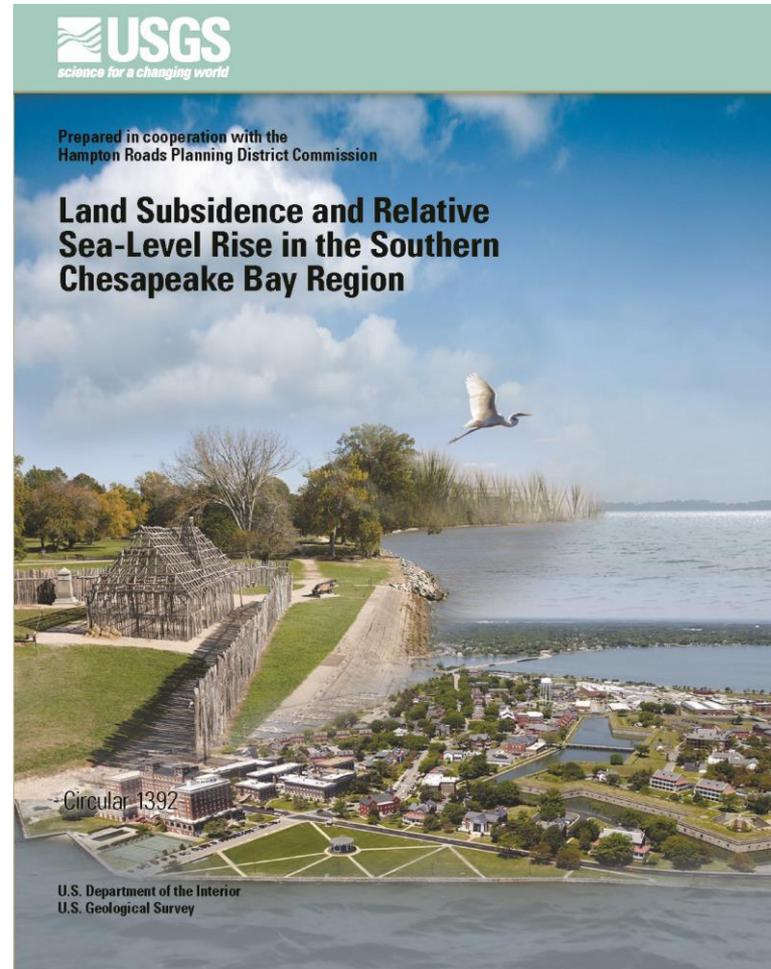
USGS Land Subsidence Study

HRPDC agreed to fund a USGS study on land subsidence:

- Describe available techniques and methods
- Inventory existing data, infrastructure, and efforts
- Organize stakeholder meetings
- Rank monitoring options
- Develop cost estimates

Contract with USGS has been signed and USGS/HRPDC have begun reaching out to other technical partners

Technical advisory group will meet in June with Michelle Sneed, USGS subsidence expert



ODU Intergovernmental Pilot Project

Vision: An intergovernmental planning organization that can effectively coordinate the sea level rise preparedness and resilience planning of Federal, state and local government agencies and the private sector, taking into account the perspectives and concerns of the citizens of the region.

Significant federal participation; less state and local

Working Groups

- Infrastructure
- Private Infrastructure
- Science and Technology
- Civic Engagement
- Land Use

ODU Intergovernmental Pilot Project

Deliverables identified to date

- Template for regional cooperation
- Regional strategic planning process
- Integrated federal/non-federal sea level rise monitoring network
- Determination of appropriate regional sea level rise scenario and appropriate risk assessment tool
- Prioritization of vulnerable critical infrastructure

State Efforts

Governor's Climate Change and Resiliency Update Commission

- Work Groups developing recommendations for consideration by full commission
- Commission will meet April 21st at University of Richmond
- Final recommendations should be ready by July
 - Implementable by the Governor within the next two years

Joint Subcommittee on Recurrent Flooding

- Meeting on May 12th in Richmond

Questions?
